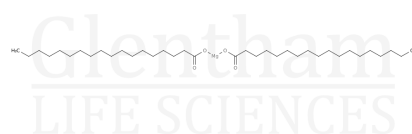


Product Specification

Product Name	Magnesium stearate, EP, USP grade
Glentham Code	GX1421
CAS Number	557-04-0
EINECS	209-150-3
MDL Number	MFCD00036391

Molecular Weight	591.24
Molecular Formula	$[\text{CH}_3(\text{CH}_2)_{16}\text{CO}_2]_2\text{Mg}$
Storage Temp.	+20°C



Property	Specification
Physical Description	Fine white powder
Identification	A, B, C, D according to EP
Solubility	Practically insoluble in water and in anhydrous ethanol
Acidity or Alkalinity	According to EP
Chlorides	≤ 0.1%
Sulfate	≤ 1.0%
Cadmium (Cd)	≤ 3ppm
Nickel (Ni)	≤ 5ppm
Loss on Drying	≤ 6.0%
Total Aerobic Microbial Count	≤ 1000CFU/g
Total Yeast and Mould Count	≤ 100CFU/g
Magnesium (Mg)	4.0 - 5.0 % (dried substance)
Stearic acid	≥ 40.0% (in the fatty acid fraction)
Sum of stearic acid and palmitic acid	≥ 90.0% (in the fatty acid fraction)
Pharmacopoeia Specification(s)	EP, USP

Specification Version	-	v1.0
Date Created	-	2022-01-14

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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